



Application No.: 10/644,848
Examiner: Samuel E. Belt
Art Unit: 3746

LIST OF CURRENT CLAIMS

1. (Currently Amended) A cooling fan providing enhanced heat dissipating effect, comprising:

a radiator having a plurality of radiation fins; and, each of said fins having opposite side surfaces wherein first side surfaces of the radiation fins face in a common direction and are parallel to one another;

a fan connected to a top of said radiator and including a frame and a plurality of blades mounted in said frame; said frame having a triangular cross section wherein said blades are mounted in said frame such that a rotational plane defined by said blades is inclined relative to planes defined by the first side surfaces of said radiation fins, and is inclined relative to a plane defined by top edges of said radiation fins, such that a rotational axis of said fan is not parallel to said first side surfaces whereby when said fan operates, said fan creates an air flow directed against side surfaces of said plurality of radiation fins.

2. (Original) The cooling fan as claimed in claim 1, wherein said fan is connected to the top of said radiator by means of fastening elements.

3. (Original) The cooling fan as claimed in claim 1, wherein said frame of said fan is provided at outer sides of two lower ends with two slide ways, and said radiator is provided at upper ends of two outmost ones of said radiation fins with two inward projected rails corresponding to said slide ways on said frame, so that said fan is connected to the top of said radiator through engagement of said slide ways with said rails.

4. (Currently Amended) A cooling fan providing enhanced heat dissipating effect, comprising:

a radiator having a plurality of radiation fins; and, each of said fins having opposite side surfaces wherein first side surfaces of the radiation fins face in a common direction and are parallel to one another;

a fan connected to a top of said radiator and including a frame and a plurality of blades mounted in said frame; and said blades being mounted in said frame at an inclined position such that a rotational plane defined by said blades is inclined relative to planes defined by side the first surfaces of said radiation fins, and is inclined relative to a plane defined by top edges of said radiation fins, such that a rotational axis of said fan is not parallel to said first side surfaces whereby when said fan operates, said fan creates an air flow directed against side surfaces of said plurality of radiation fins.

5. (Original) The cooling fan as claimed in claim 4, wherein said fan is connected to the top of said radiator by means of fastening elements.